

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-044494

(43)Date of publication of application : 16.02.1996

(51)Int.Cl.

G06F 3/033

(21)Application number : 06-174651

(71)Applicant : CITIZEN WATCH CO LTD

(22)Date of filing : 27.07.1994

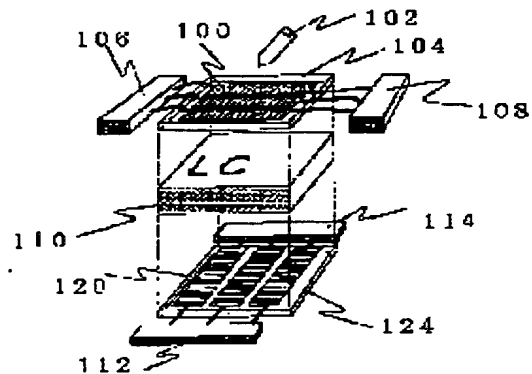
(72)Inventor : TAKAHASHI YUKIAKI

(54) INDICATED POSITION DISPLAYING/INPUTTING DEVICE AND ITS DRIVING METHOD

(57)Abstract:

PURPOSE: To provide a thin and light indicated position displaying/inputting device capable of preventing the generation of a deviation between a detected position and a display position and reducing power consumption and having high portability by providing the device with a magnetic field generating means for generating a magnetic field on a liquid crystal display element and a magnetic field detecting means for inducing induced voltage, by a magnetic field from a detection pen and detecting the induced

CONSTITUTION: This device is provided with the indicated position displaying/inputting device constituted of a timing driving circuit 106 connected to one terminal of a timing electrode 100 and allowed to drive the electrode 100, a magnetic field generating means 108 connected to the other terminal of the electrode 104, a picture element driving circuit 114 connected to one terminal of a picture element electrode 120 and allowed to drive the electrode 120, a magnetic field detecting means 112 connected to the other terminal of the electrode 120, a liquid crystal display element having a liquid crystal layer 110 injected between mutually opposed 1st and 2nd transparent substrates 104, 124, and a detection pen 102 for detecting a position and the driving method of the device.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision]

of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office